

FIG. 1



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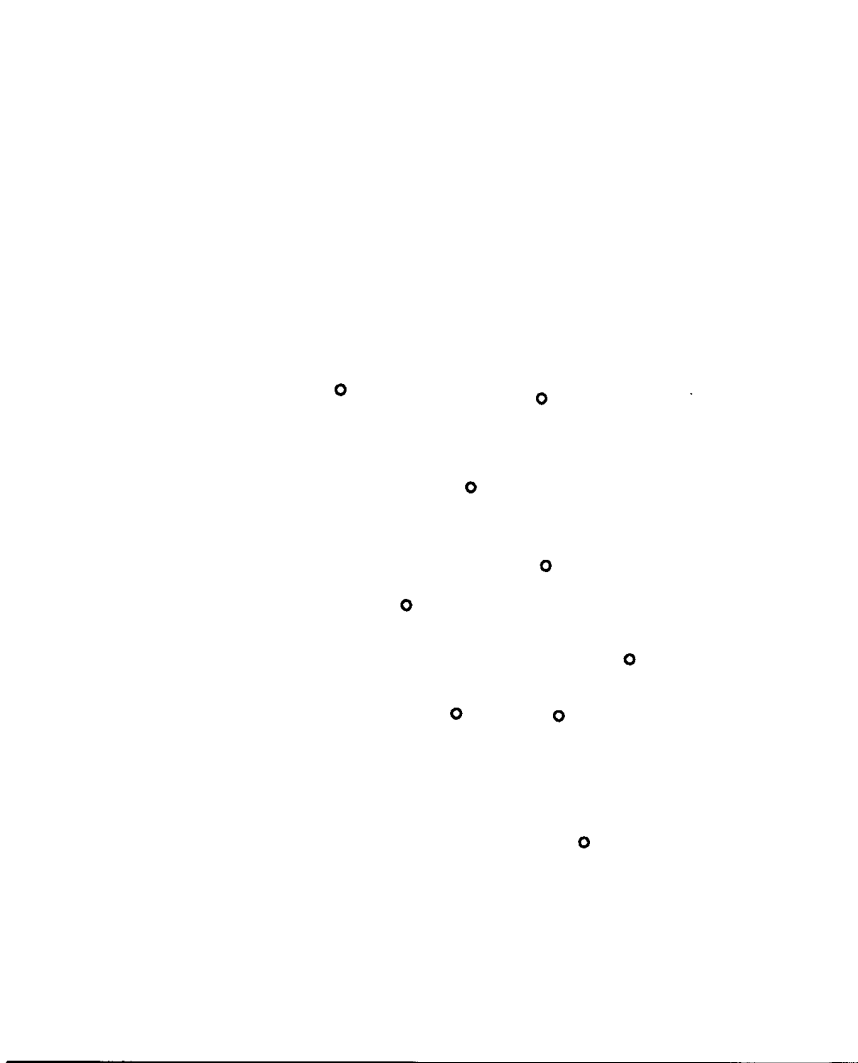


FIG. 2



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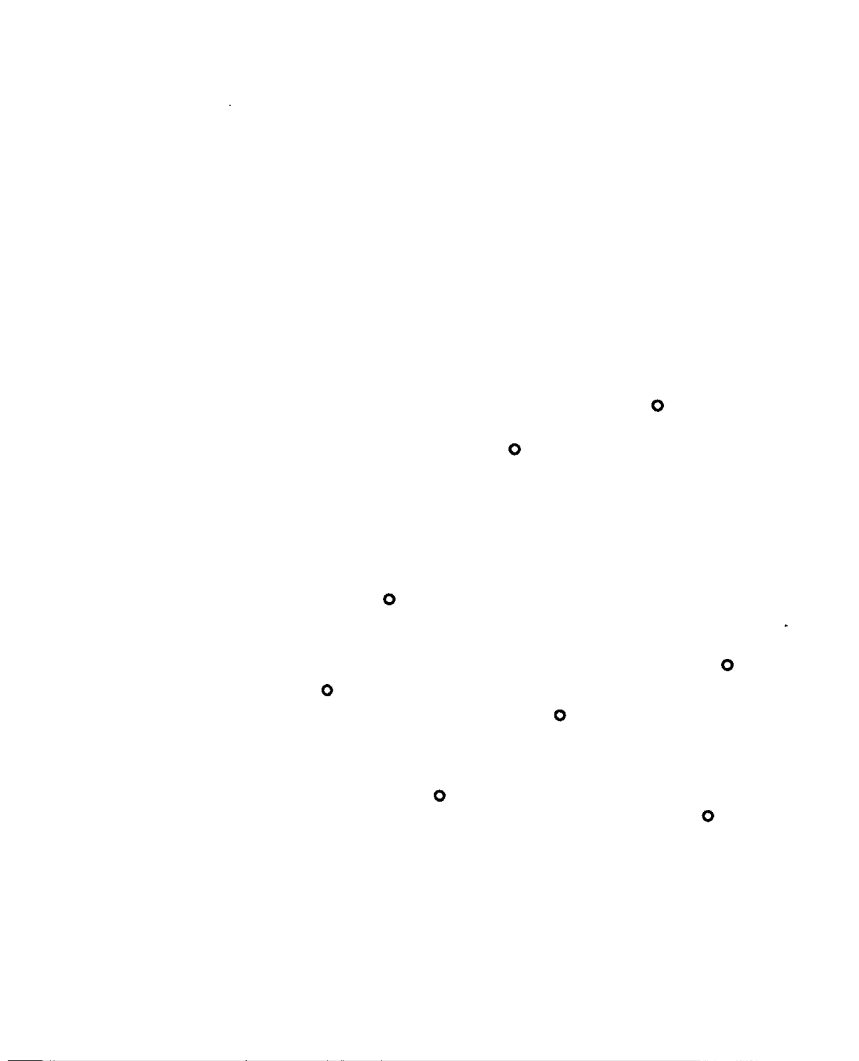


FIG. 3



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**TABLE A**

<b>Features of Heartbeat Wave Form</b>
<b>Rate of change (slope) at all locations of the wave form. (There are n-1 of these per wave form. n= number of data points)</b>
<b>Shape of Peak associated with the strongest wave form feature</b>
<b>Shape of Peak associated with the dicrotic notch</b>
<b>Shape of Inverted Peak associated with dicrotic notch</b>
<b>Approach angle of Peak associated with the strongest wave form feature</b>
<b>Approach angle of Peak associated with the dicrotic notch</b>
<b>Approach angle of Inverted Peak associated with the strongest wave form feature</b>
<b>Approach angle of Inverted Peak associated with the dicrotic notch</b>
<b>Location of Peak associated with the strongest wave form feature</b>
<b>Relative location of Peak associated with the strongest wave form feature</b>
<b>Location of Peak associated with the dicrotic notch</b>
<b>Relative location of Peak associated with the dicrotic notch</b>
<b>Location of Inverted Peak associated with the dicrotic notch</b>
<b>Relative location of Inverted Peak associated with the dicrotic notch</b>
<b>Magnitude of Peak associated with the strongest wave form feature</b>
<b>Magnitude of Peak associated with dicrotic notch</b>
<b>Magnitude of Inverted Peak associated with dicrotic notch</b>
<b>Maximum rates of change along any defined segment of the wave form</b>
<b>Minimum rates of change along any defined segment of the wave form</b>
<b>Relative location associated with maximum rates of change along any defined segments of the wave form</b>
<b>Relative location associated with minimum rates of change along any defined segments of the wave form</b>
<b>Magnitude associated with maximum rates of change along a defined segment of the wave form</b>
<b>Magnitude associated with minimum rates of change along any defined segment of the wave form</b>
<b>Frequency of the wave form as determined by any data point</b>

**FIG. 4**



Features of Heartbeat Wave Form
Frequency of wave form as determined by a combination of data points
Trend measures associated with a feature
Trend measures associated with any segment and wave form
Cycles associated with any feature
Cycles associated with any segment of the wave form
Series associated with a feature
Series associated with a segment of the wave form
Variability estimates associated with features
Variability estimates associated with subsegments
Variability estimates associated with defined measures
Linear combination of features, segments, and data on a wave form
Non-linear combinations of features, segments, and data on a wave form

FIG. 5